

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"10523086"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 12:38
L2	81	norbert near herfert.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:39
L3	12869	superabsorbent same \$4acrylic near acid same \$4vinylamine or \$4allylamine or quarter\$8 with (styrene or methacrylamide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 14:54
L4	45	superabsorbent same \$4acrylic near acid same (\$4vinylamine or \$4allylamine or quarter\$8 with (styrene or methacrylamide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:47
L5	77	superabsorbent same \$4acrylic near acid same surface near2 (crosslink\$3 or cross near link\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:48
L6	12614	superabsorbent same \$4vinylamine or \$4allylamine or quarter\$8 with (styrene or methacrylamide) same neutraliz\$9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 14:24
L7	8	superabsorbent same (\$4vinylamine or \$4allylamine or quarter\$8 with (styrene or methacrylamide)) same neutraliz\$9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 14:25
L8	15	superabsorbent same (\$4vinylamine or \$4allylamine or quarter\$8 with (styrene or methacrylamide)) and neutraliz\$9 and clay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 14:35
L9	37	"6235965"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 14:50
L10	2050	diaper same core same (back near sheet or backsheet) same topsheet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 14:51
L11	16607	diaper same core same (back near sheet or backsheet) same top sheet same first near2 surface same second near2 surface	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 14:52
L12	6490	(diaper same core same (back near sheet or backsheet) same top sheet same first near2 surface same second near2 surface).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 14:53
L13	4022	(diaper same core same (back near sheet or backsheet) same top sheet same first near2 surface same second near2 surface).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 14:53
L14	865	l12 and l13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 14:53

## EAST Search History

L15	0	superabsorbent same \$4acrylic near acid and l14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 14:54
L16	8	superabsorbent same \$4acrylic near acid and l12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 14:54

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	288	("4286082" or "4351754" or "4500670" or "4535098" or "4734478" or "4735987" or "4914066" or "4990338" or "5035892" or "5140076" or "5419956" or "5559335" or "5669894" or "5733576" or "6124391") and clay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 15:38
L2	203	("4286082" or "4351754" or "4500670" or "4535098" or "4734478" or "4735987" or "4914066" or "4990338" or "5035892" or "5140076" or "5419956" or "5559335" or "5669894" or "5733576" or "6124391") and clay and neutral\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 15:39
L3	95	("4286082" or "4351754" or "4500670" or "4535098" or "4734478" or "4735987" or "4914066" or "4990338" or "5035892" or "5140076" or "5419956" or "5559335" or "5669894" or "5733576" or "6124391") and clay and neutral\$8 same (superabsorbent or hydrogel or water near absorb\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 15:43
L4	13	("4286082" or "4351754" or "4500670" or "4535098" or "4734478" or "4735987" or "4914066" or "4990338" or "5035892" or "5140076" or "5419956" or "5559335" or "5669894" or "5733576" or "6124391") and clay and neutral\$8 same (superabsorbent or hydrogel or water near absorb\$6) and clay.cfm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 15:44

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	96	(norbert near herfert.in. or michael near2 azad.in. or michael near2 mitchell.in. or gay near2 woodrum.in. or william near3 chiang.in. or patricia near2 brown.in. or james near2 robinson.in.) and superabsorbent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:05
S2	17	(norbert near herfert.in. or michael near2 azad.in. or michael near2 mitchell.in. or gay near2 woodrum.in. or william near3 chiang.in. or patricia near2 brown.in. or james near2 robinson.in.) and superabsorbent and clay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:13
S3	2402301	superabsorbent with \$2polymer or polymeric or resin\$2 or hydrogel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:31
S4	214775	(clay or montmorillonite or saponite or nontronite or laponite or beidelite or hectorite or sauconite or stevensite or vermiculite or magadite or medmondite or kenyaite)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:32
S5	93330	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:16
S6	36497	S3 same S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:16
S7	22291	S3 with S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:17
S8	11	superabsorbent same internal with (crosslink\$3 or cross near link\$3) same comminut\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:19
S9	4	superabsorbent same internal with (crosslink\$3 or cross near link\$3) same comminut\$4 and clay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:19
S10	27	superabsorbent and internal with (crosslink\$3 or cross near link\$3) and comminut\$4 and clay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:21
S11	23	S10 not S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:20
S12	54	superabsorbent and internal with (crosslink\$3 or cross near link\$3) and clay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:34
S13	27	superabsorbent and internal with (crosslink\$3 or cross near link\$3) and comminut\$4 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:21
S14	54	superabsorbent and internal with (crosslink\$3 or cross near link\$3) and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:21

## EAST Search History

S15	293	superabsorbent same clay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:30
S16	8862	(superabsorbent or water near absorbent) with (\$2polymer or polymeric or resin\$2 or hydrogel or particle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:07
S17	1207	(clay or montmorillonite or saponite or nontronite or laponite or beidelite or hectorite or sauconite or stevensite or vermiculite or magadite or medmondite or kenyaite) and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:33
S18	353	(clay or montmorillonite or saponite or nontronite or laponite or beidelite or hectorite or sauconite or stevensite or vermiculite or magadite or medmondite or kenyaite) same S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:33
S19	238	(clay or montmorillonite or saponite or nontronite or laponite or beidelite or hectorite or sauconite or stevensite or vermiculite or magadite or medmondite or kenyaite) with S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:35
S20	119	(clay or montmorillonite or saponite or nontronite or laponite or beidelite or hectorite or sauconite or stevensite or vermiculite or magadite or medmondite or kenyaite) with S16 and (crosslink\$3 or cross near link\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:33
S21	789	superabsorbent and (crosslink\$3 or cross near link\$3) and clay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:34
S22	847	superabsorbent and (crosslink\$3 or cross near link\$3) and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:34
S23	422	superabsorbent and (crosslink\$3 or cross near link\$3) and S4 and neutrali\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:02
S24	32	(clay or montmorillonite or saponite or nontronite or laponite or beidelite or hectorite or sauconite or stevensite or vermiculite or magadite or medmondite or kenyaite) with S16 and comminut\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:01
S25	20	S24 not S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:36
S26	106	superabsorbent same S4 and (crosslink\$3 or cross near link\$3) and neutrali\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:02
S27	73	superabsorbent same S4 and (crosslink\$3 or cross near link\$3) same (method of process) and neutrali\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:07
S28	48	S27 not (S12 or S11)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:07
S29	37	S28 not S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:08

## EAST Search History

S30	353	(superabsorbent or water near absorbent) with (\$2polymer or polymeric or resin\$2 or hydrogel or particle) same S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:07
S31	67	((superabsorbent or water near absorbent) with (\$2polymer or polymeric or resin\$2 or hydrogel or particle) same S4).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:15
S32	63	S31 not (S12 or S11)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:07
S33	524	"l63" not S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:08
S34	20	l31not S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:08
S35	65	S31 not S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:08
S36	66	S31 not S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:09
S37	66	S31 not S28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:09
S38	63	S31 not S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:09
S39	2	"9630442"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:16
S40	86	"4351754"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:18
S41	2	"9852979"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:18
S42	37	"0132117"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:19
S43	2	"200132117"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/26 15:19
S44	284	(superabsorbent or water near absorbent) near2 (partides resin\$3 or \$2polymer\$2) same clay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 12:19

## EAST Search History

S45	48	((superabsorbent or water near absorbent) near2 (particles resin\$3 or \$2polymer\$2) same clay).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 10:46
S46	39	((superabsorbent or water near absorbent) near2 (particles resin\$3 or \$2polymer\$2) same clay).dm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 10:40
S47	92	((superabsorbent or water near absorbent) near2 (particles resin\$3 or \$2polymer\$2) and clay).dm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 10:40
S48	34	S46 not S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 10:41
S49	83	S47 not S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 10:46
S50	49	S49 not S46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 10:46
S51	34	S46 not S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 10:46
S52	0	S51 not S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 10:46
S53	9	((superabsorbent or water near absorbent) near2 (particles resin\$3 or \$2polymer\$2) same clay).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 10:52
S54	192	S44 not (S45 or S46 or S47)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 10:52
S55	114	S54 and neutrali\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 12:18
S56	3	(superabsorbent or water near absorbent) near2 (particles resin\$3 or \$2polymer\$2) same method same neutrali\$6 same comminut\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 12:22
S57	25	"783005" or "670335"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 12:21
S58	60	(superabsorbent or water near absorbent) near2 (particles resin\$3 or \$2polymer\$2) same method same comminut\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 12:26
S59	38	"5629377"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/29 12:26